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Blending Video for Non-Fiction Comprehension

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What you will see



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Combine concept maps, pictures, videos, and non-fiction literature together to create memorable digital video clips that visually engage students and enhance retention and understanding.

What you will see



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Visual tools, such as pictures, movies and concept maps can be a valuable educational aid, and when combined, can be even more engaging!



Students learn while creating content. (People tend to support that which they help to create)

Why? 21st Century Skills

Learning and Thinking skills

- *Critical Thinking and Problem-solving*
- *Creativity and Innovation*
- *Information & Media Literacy*

21st Century Assessments

- *A balance of assessments is needed.*
- Assessments must use modern technologies...*



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Non-linguistic Representations

According to...

- Marzano

Marzano speaks of non-linguistic representations as one of his nine core strategies for improving instruction (by 15%). These include:

Creating Graphic representations
Drawing Pictures or Pictographs
Generating Mental pictures






PhotoStory 3, MovieMaker 2, Cmap and Bubbl.us are additional tools for non-linguistic representations



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New Visual Literacy

-  Navigate, evaluate, communicate
-  Access to world class photography
-  Social networking components
-  Creative Commons
-  Video creation and sharing

<http://techlearning.com/shared/printableArticle.php?articleID=196604382>

David Jakes, "Web 2.0 and the New Visual Literacy" Technology & Learning

Apr 20, 2007

Photo & Video sharing sites

- 📖 Pictures/videos can be tagged
- 📖 Search pictures/videos
- 📖 Allows pictures and videos to be posted
- 📖 Viewers can leave comments
- 📖 Ex: [Flickr](#), [Photobucket](#)



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Consider

📖 “Our children are like arrows,
shooting forward into a future
we cannot visit, not even in
our dreams”

Kahil Gibran


Author



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Tovani – Thinking Strategies


 A strategy is an intentional plan that is flexible and can be adapted to meet the demands of the situation. (Visual)
Strategies give readers options for thinking about text when reading words alone doesn't produce meaning.



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Tovani – Thinking Strategies



 Good readers and writers monitor their understanding as they read. They recognize when the text is making sense and when it isn't. Some of the strategies good readers and writers use include the following:



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Tovani – Thinking Strategies


-  Activating background knowledge and making connections between new and known information. (Anne Frank)
-  Self-questioning the text to clarify confusing parts and deepen understanding. (Mann)




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Tovani – Thinking Strategies

 Drawing inferences from the text using background knowledge and clues from the text. (Crocodoc)




 Determining importance in text to separate details from main ideas. (Nielsen)



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Tovani – Thinking Strategies


-  Using sensory images to enhance comprehension and visualize reading. (Bubbl.us)
-  Synthesizing and extending thinking. ([Amelia Earhart](#))
-  **Employing fix-up strategies to repair confusion.**



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Tovani – Fixup Strategies





 A “fix-up” strategy is any strategy used by a reader to help get unstuck when the text becomes confusing.



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Tovani – Fixup Strategies



-  Make a connection between the text and the following:
-  Your life (do we remember words or images more?)
-  Your knowledge of the world
-  Another text (or Video?)



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Tovani – Fixup Strategies



-  Make a prediction. (is the prediction written or drawn?)
-  Reflect in writing (just writing?) about what you have read.



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Tovani – Fixup Strategies



-  Visualize.
-  Retell what you've read.
(In what form? [BookTrailers & Talks](#))



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Our Visual World


-  The average youth spends 22,000 hours watching TV by the age of 18.
-  He/she spends 12,000 hours in school.



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Motivation?

 30 % of college students would rather pick up trash than write a paper;

 50 % would rather donate blood.



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Brain Bandwidth





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- Each eye has 1,000,000 fibers to the brain; each ear has 30,000.
- Humans process visual info 60,000 times faster than text.
- Words are processed sequentially, images simultaneously.

(keyboard vs. camera)

Why bother?

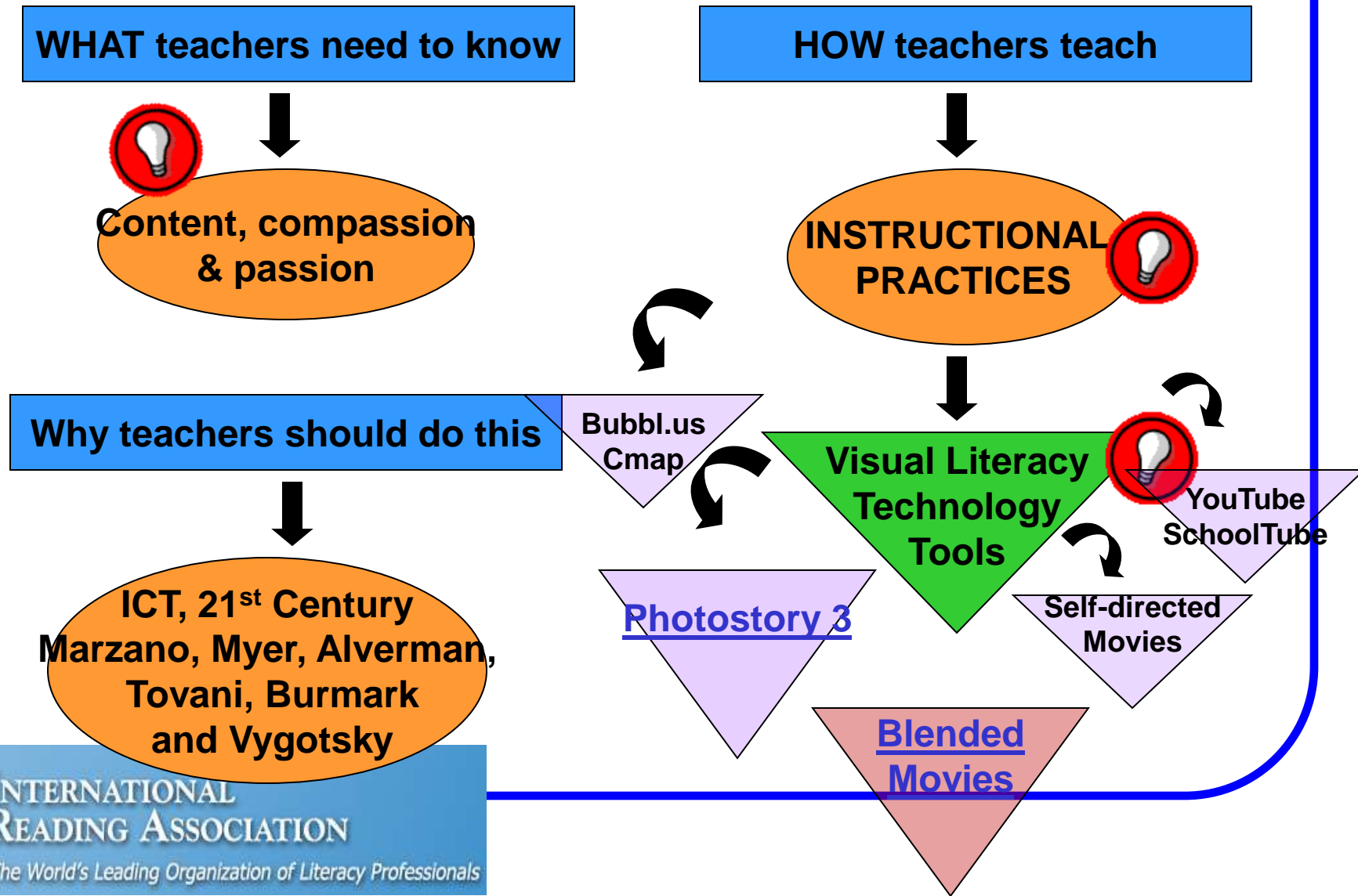
-  Using illustrated materials, retention and recall increase 42 % and transfers to long term memory a whopping 89 %.
-  Recall is increased 89 % in color.



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Why Photostory3, Cmap & MovieMaker?



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Photostories



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-  Lasts from 30 seconds to 7 minutes max
-  Audio is clear
-  Used to illustrate topic in movie format
-  Scan small pictures in at higher DPI, to avoid pixilation

Photostory 3

Cmap & Bubbl.us



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Cmap is a FREE Concept Mapping “thinking mirror” download that duplicates much of the functionality of Inspiration.

<http://cmap.ihmc.us/>



Bubbl.us is an online concept mapping tool.

Cmap Tools



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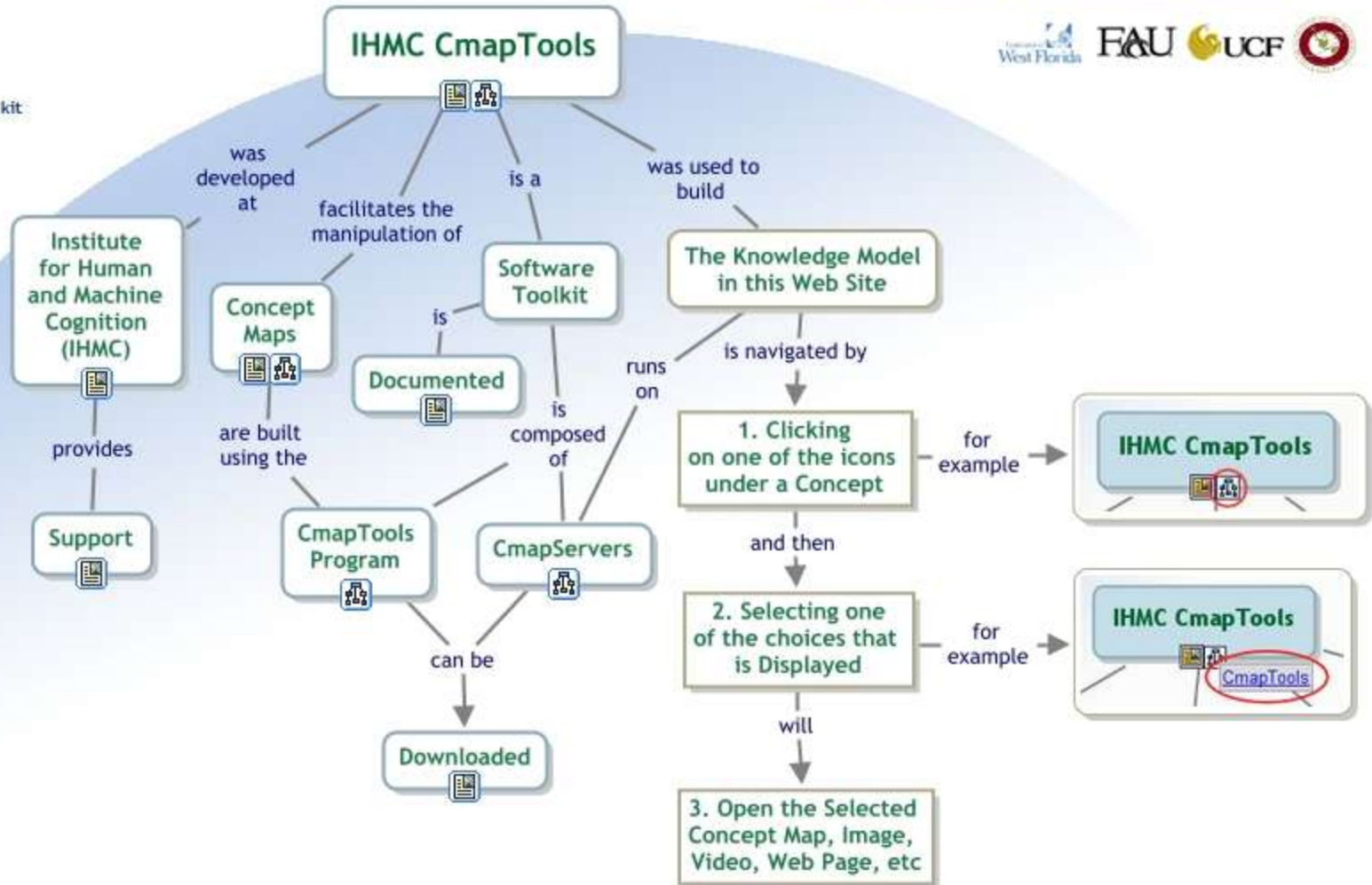
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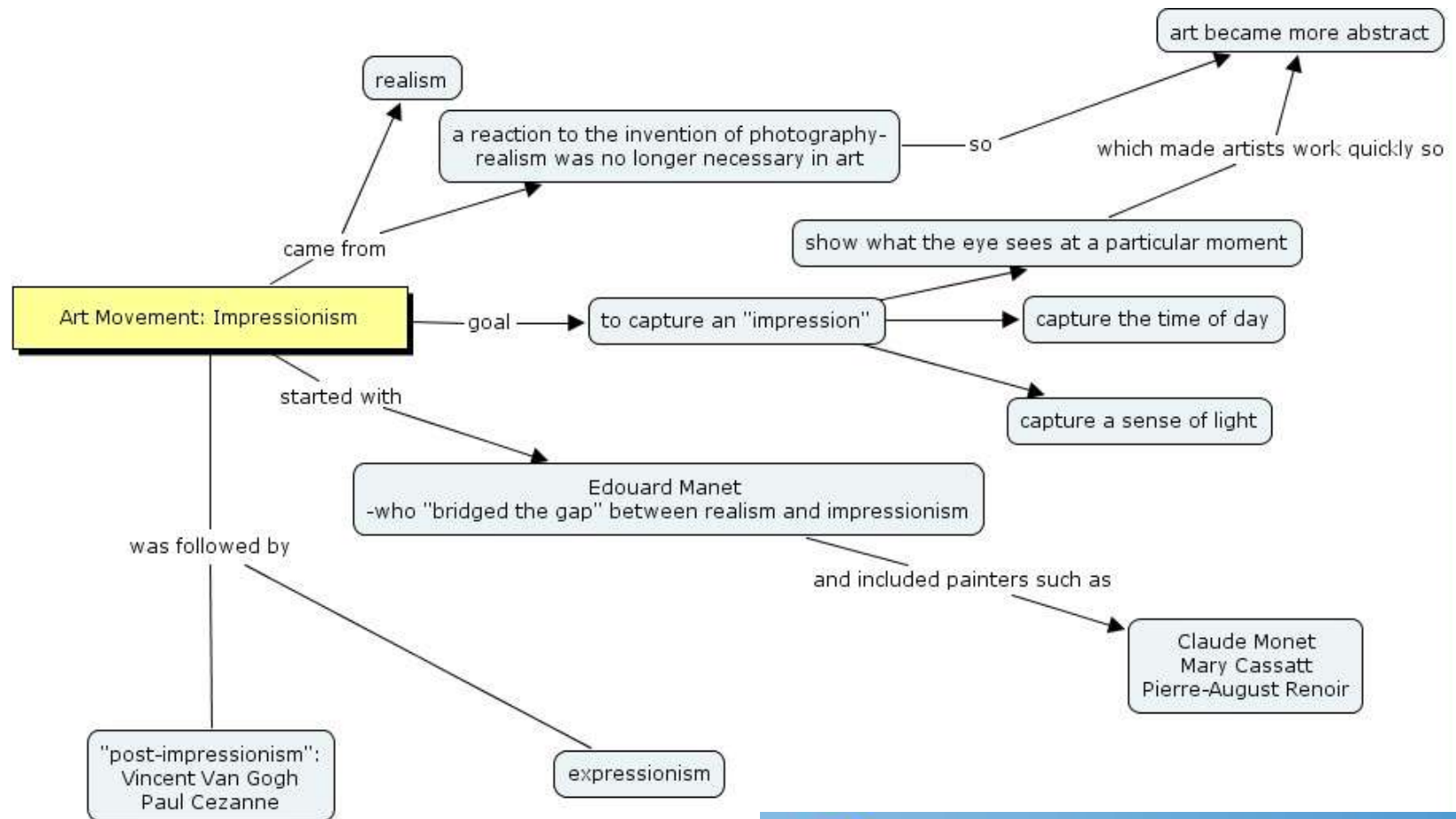
The IHMC CmapTools software empowers users to construct, navigate, share, and criticize knowledge models represented as Concept Maps

Welcome to the Web Site of

IHMC - A University Affiliated Research institute



Cmaps can introduce your class



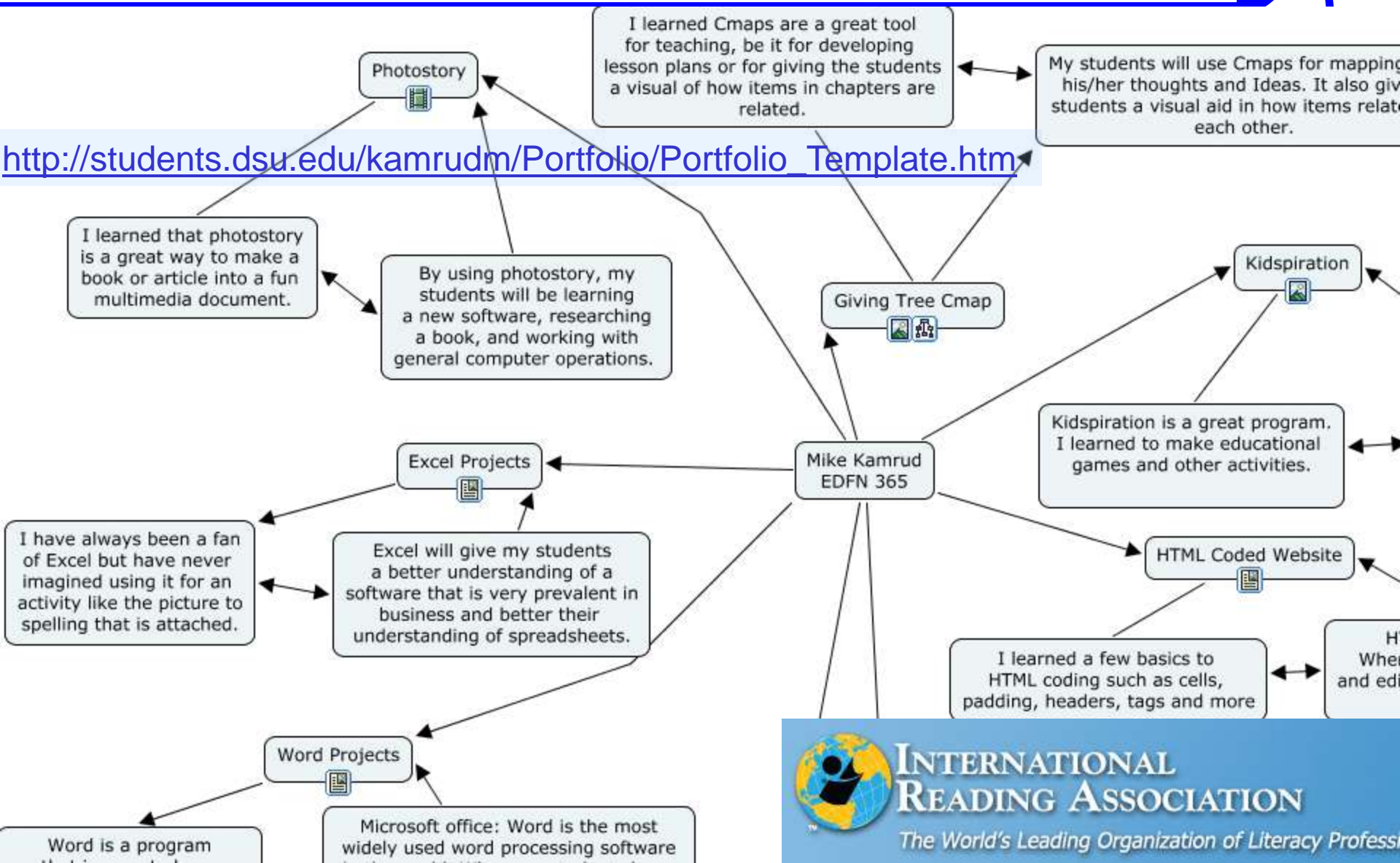
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Cmaps can also be used as an assessment tool



Mike Kamrud's Portfolio





-  Brainstorming and concept mapping
-  You can collaborate or make maps read only
-  Use “menu”, “export” to export as .jpg image file.

Bubbl.us



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bubbl.us

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Friends Collaborate My Sheets

Center Unpin All Undo
+ - Zoom 100%
Set Print Area

Editing **lit2** Save

New | Load | Rename | Delete | Sharing

lit2
One Note
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Menu

Digital Presentations - Rubrics



DigiTales



<http://www.digitales.us/index.php>



Rubistar at

<http://rubistar.4teachers.org>

is a GREAT website for creating rubrics. It gives you samples for different project types, then lets you edit and save online.

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Choose a Topic below to create a new rubric based on a template:

Oral Projects

Multimedia

Math

Writing

Products

Reading

Art

Work Skills

Science

Music



Multimedia Project : Public Service Announcement

<http://www.youtube.com/watch?v=2TOzRhNTQic>

CATEGORY	4	3	2	1
Originality	Product shows a large amount of original thought. Ideas are creative and inventive.	Product shows some original thought. Work shows new ideas and insights.	Uses other people's ideas (giving them credit), but there is little evidence of original thinking.	Uses other people's ideas, but does not give them credit.
Presentation	Well-rehearsed with smooth delivery that holds audience attention.	Rehearsed with fairly smooth delivery that holds audience attention most of the time.	Delivery not smooth, but able to maintain interest of the audience most of the time.	Delivery not smooth and audience attention often lost.
Attractiveness	Makes excellent use of font, color, graphics, effects, etc. to enhance the presentation.	Makes good use of font, color, graphics, effects, etc. to enhance presentation.	Makes use of font, color, graphics, effects, etc. but occasionally these detract from the presentation content.	Use of font, color, graphics, effects etc. but these often distract from the presentation content.
Oral Presentation	Interesting, well-rehearsed with smooth delivery that holds audience attention.	Relatively interesting, rehearsed with a fairly smooth delivery that usually holds audience	Delivery not smooth, but able to hold audience attention most of the time.	Delivery not smooth and audience attention lost.



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Frank Sulloway

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One



Gone - Music
Video





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Using Video from the Web

-  In a perfect world, we would always be able to access whatever video we need for teaching and students could not misuse.
-  Sometimes we need to capture video at home for school use



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Any Video Converter




- 📖 A video file conversion tool
- 📖 Converts to many formats
(use .avi or **.wmv on a PC**)
- 📖 Convert DVD clips to .wmv
(fair use laws vary – 30sec -10%)



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-  An online file conversion tool
-  Converts to many formats
(use .avi or **.wmv**)
-  Zamzar will send you a link to
download video file



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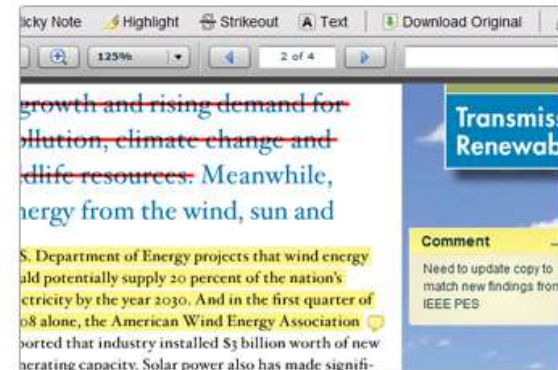
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What you saw



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-  Visual tools, such as pictures, movies and concept maps can be a valuable educational aid, and when combined, can be engage students in both reading and writing Non-Fiction!
-  Students can learn while creating content

Let's get started!



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Credits

Kathy Schrock

Lynn Burmark

R.L. Erion



Questions? Email me at:

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23RD IRA WORLD
CONGRESS ON READING